APM RESEARCH AND EVIDENCE-BASED PRACTICE COMMITTEE
ESSENTIAL SCIENTIFIC PUBLICATIONS FOR PSYCHOSOMATIC MEDICINE

HIV PSYCHIATRY

PURPOSE:
Over the past decades, HIV Psychiatry has emerged as a small subspecialty within APM. While not all APM psychiatrists will routinely care for patients infected with HIV/AIDS, most can play some role in the HIV epidemic (e.g., in screening efforts). The Academy’s Research and Evidence-based Practice Committee has coordinated a compilation of articles to identify essential scientific publications for members who are interested in learning more about critical issues in the care of patients infected with HIV/AIDS.

The purpose of the committee’s review was to create a list of important publications in three categories, based on specific review criteria related to scientific quality and relevance. You will see three categories of articles:

Tier 1: Randomized controlled trials, meta-analyses, or high-impact review articles.
Tier 2: Comparison studies, non-randomized research of significance, highly relevant reviews.
Tier 3: Other articles of interest related to HIV Psychiatry not meeting inclusion criteria for Tier 1 or Tier 2.

Of note, this list is not a comprehensive list of all articles related to HIV Psychiatry but represents an attempt to identify a clinically useful selection of high-quality articles in this topic area. Most recent articles from 2012 and 2013 are bolded and supplied with a PubMed link. No articles older than 2000 were included.

METHOD:
A MEDLINE review of literature was conducted to identify articles in the scientific literature related to HIV Psychiatry. Search terms included HIV, psychiatry, treatment, randomized-controlled trial, depression, psychosis, dementia, HIV-associated neurocognitive impairment, adherence, mania, anxiety, substance use, and epidemiology. In addition, articles and book chapters were reviewed to identify articles that appeared to be useful. Two APM expert reviewers (Oliver Freudenreich and Maria Ferrara) independently categorized the articles according to specific rating criteria (tier 1, 2, and 3) and to specific categories of content (i.e., epidemiology, HIV-associated neurocognitive disorder (HAND), suicide, treatment (pharmacological and non-pharmacological), adherence, and other). Through an iterative process, consensus with regards to tier placement was achieved. Two other content matter experts (Mary Ann Cohen and Steven Safren) reviewed the bibliography list and made recommendations for additional articles to be included. Finally, the Research and Evidence-based Practice Committee reviewed the final list and approved it.
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HIV PSYCHIATRY

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A. EPIDEMIOLOGY

Tier 1


Tier 2


Tier 3

Cohen, MA. How psychiatrists can prevent HIV transmission and provide compassionate care for persons with HIV and AIDS. Curr Psychiatry 2013 (in press).


B. HIV-ASSOCIATED NEUROCOGNITIVE DISORDER (HAND)

Tier 1


Tier 2


Spudich S, Gisslen M, Hagberd L, Lee E, Liegler T, Brew B, et al. Central nervous system immune activation characterizes primary human immunodeficiency virus 1 infection even in participants


Tier 3


C. SUICIDE
Tier 1
None

Tier 2

Tier 3

D. TREATMENT – PHARMACOLOGICAL INTERVENTIONS

Tier 1
Epidemiology

Depression and fatigue

Painful HIV neuropathy
Tier 2


Tier 3


Drug-interactions


E. TREATMENT – NONPHARMACOLOGICAL INTERVENTIONS

Tier 1


Tier 2


Tier 3

F. ADHERENCE

Tier 1


Tier 2


Tsai AC, Weiser SD, Petersen ML, Ragland K, Kushel MB, Bangsberg DR. A marginal structural model to estimate the causal effect of antidepressant medication treatment on viral suppression among homeless and marginally housed persons with HIV. Arch Gen Psychiatry. 2010;67(12):1282-90.

Tier 3

G. OTHER

Efavirenz

Tier 1


Tier 2

Screening

Tier 2


Education

Tier 3

Smoking

Tier 2

Valproic acid

Tier 3

ADDENDUM

Books about HIV Psychiatry


HIV Clinical Guidelines
New York State Department of Health AIDS Institute in collaboration with Johns Hopkins University Division of Infectious Diseases: http://www.hivguidelines.org/

*Acknowledgments:

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We would like to thank Mary Ann Cohen, MD, FAPM and Steven Safren, PhD for independently reviewing the tiered list and making recommendations for additional papers.